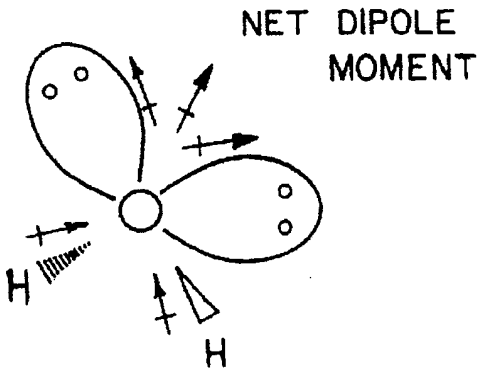
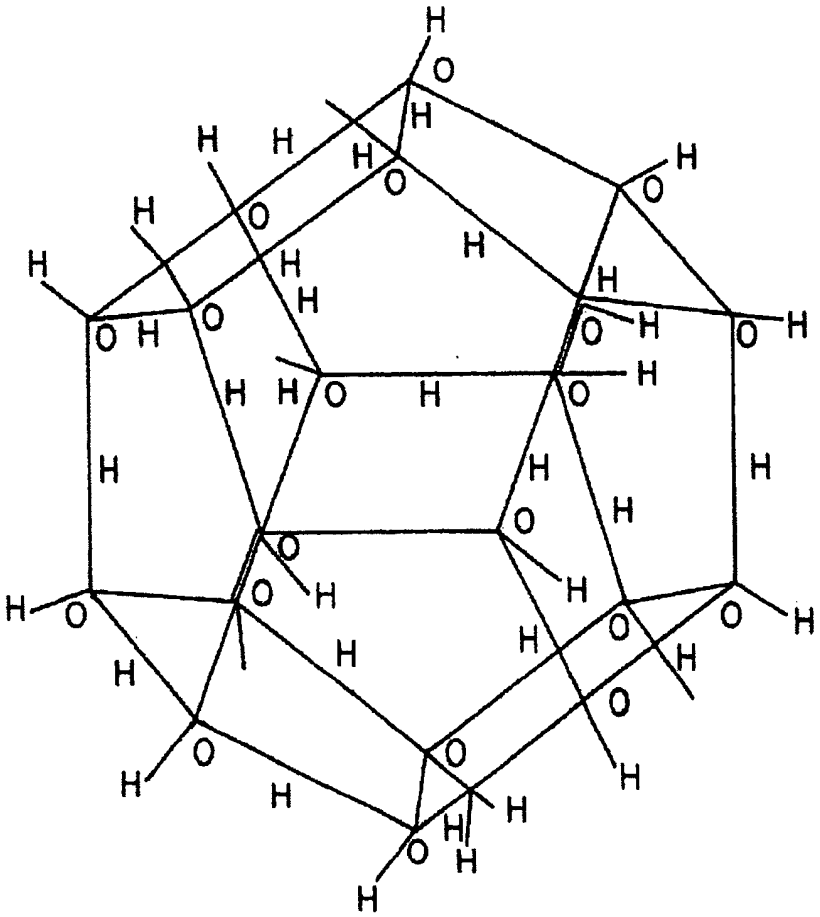


FIG. 1

FIG. 2



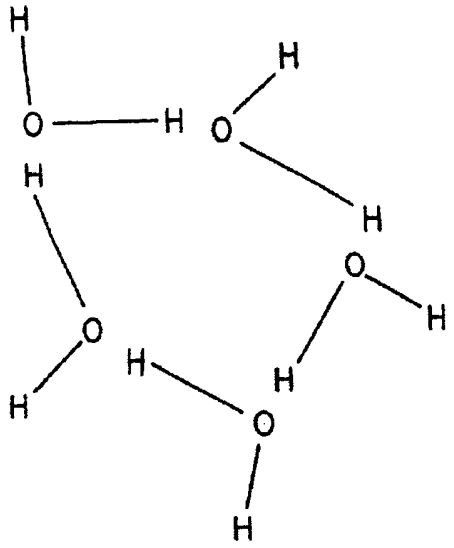
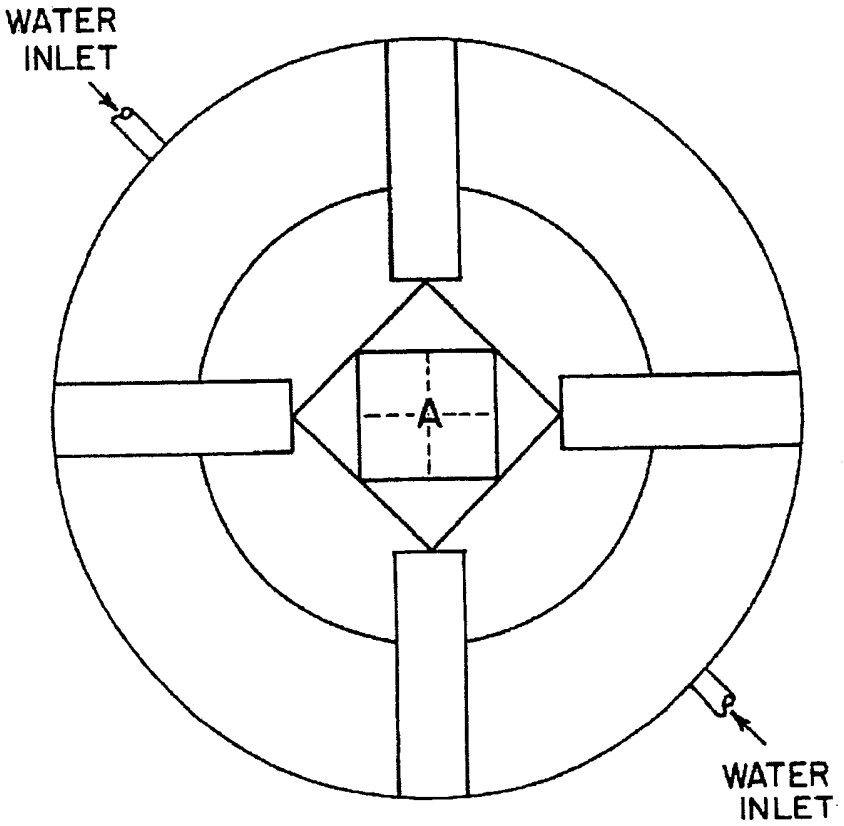


FIG. 3

FIG. 4



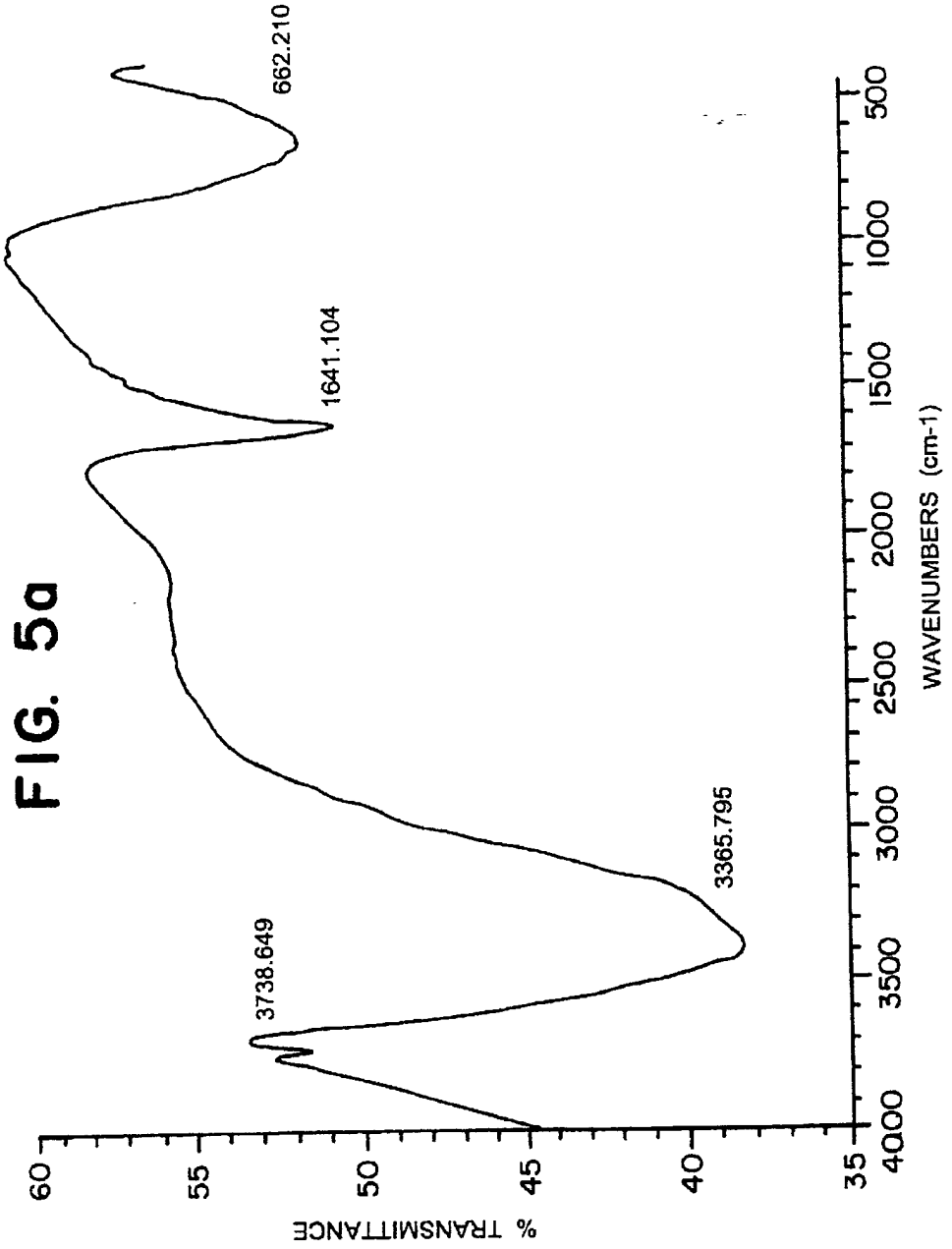

662.210
1641.104
3365.795
3738.649
60
55
50
45
40
35
% TRANSMITTANCE
4000
3500
3000
2500
2000
1500
1000
500
WAVENUMBERS (cm-1)

FIG. 5a

FIG. 5b

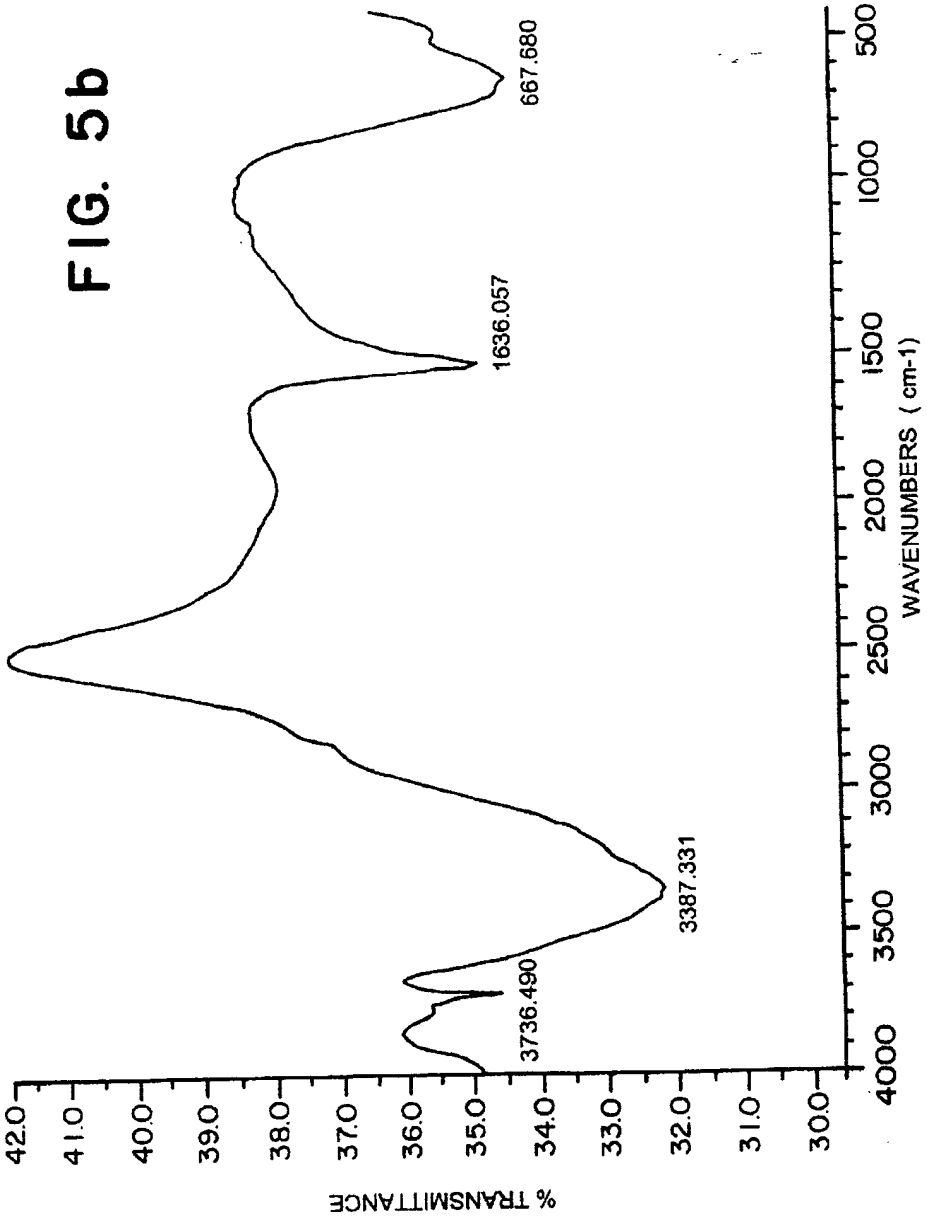

667.680
1636.057
3387.331
3736.490
% TRANSMITTANCE
42.0
41.0
40.0
39.0
38.0
37.0
36.0
35.0
34.0
33.0
32.0
31.0
30.0
4000
3500
3000
2500
2000
1500
1000
500
WAVENUMBERS (cm-1)

FIG. 6

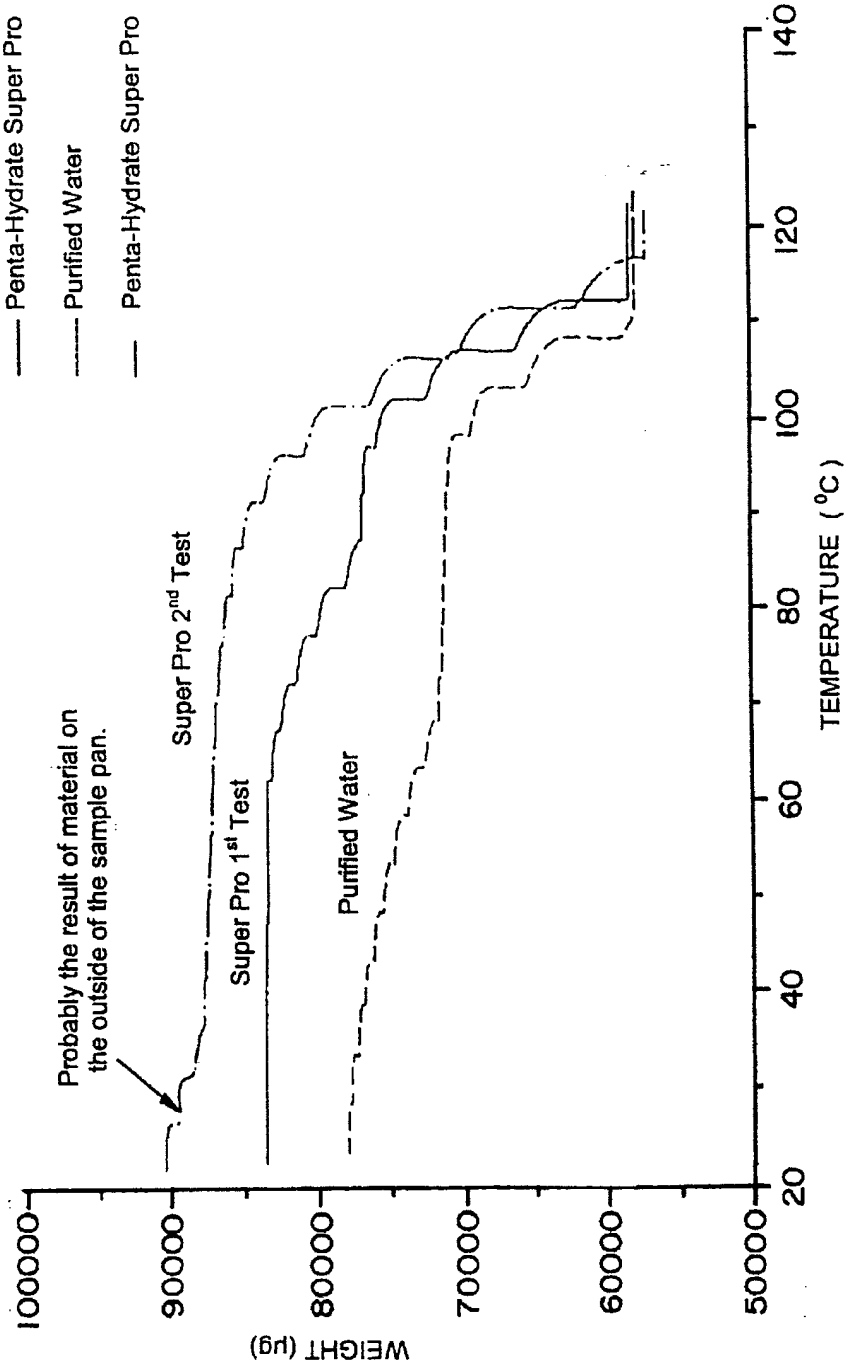

Penta-Hydrate Super Pro
Purified Water
Penta-Hydrate Super Pro
Probably the result of material on the outside of the sample pan.
Super Pro 2nd Test
Super Pro 1st Test
Purified Water
WEIGHT (μg)
100000
90000
80000
70000
60000
50000
20
40
60
80
100
120
140
TEMPERATURE (°C)

FIG. 7a

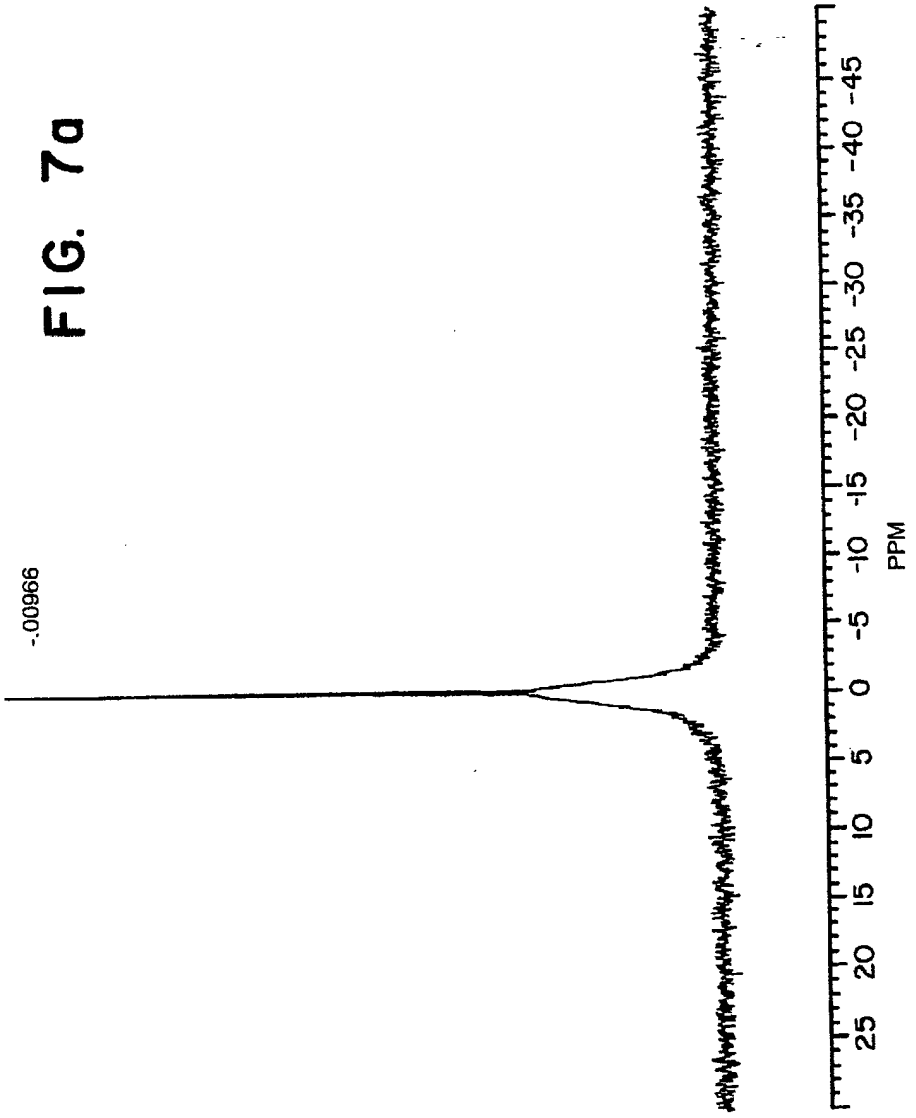


FIG. 7b

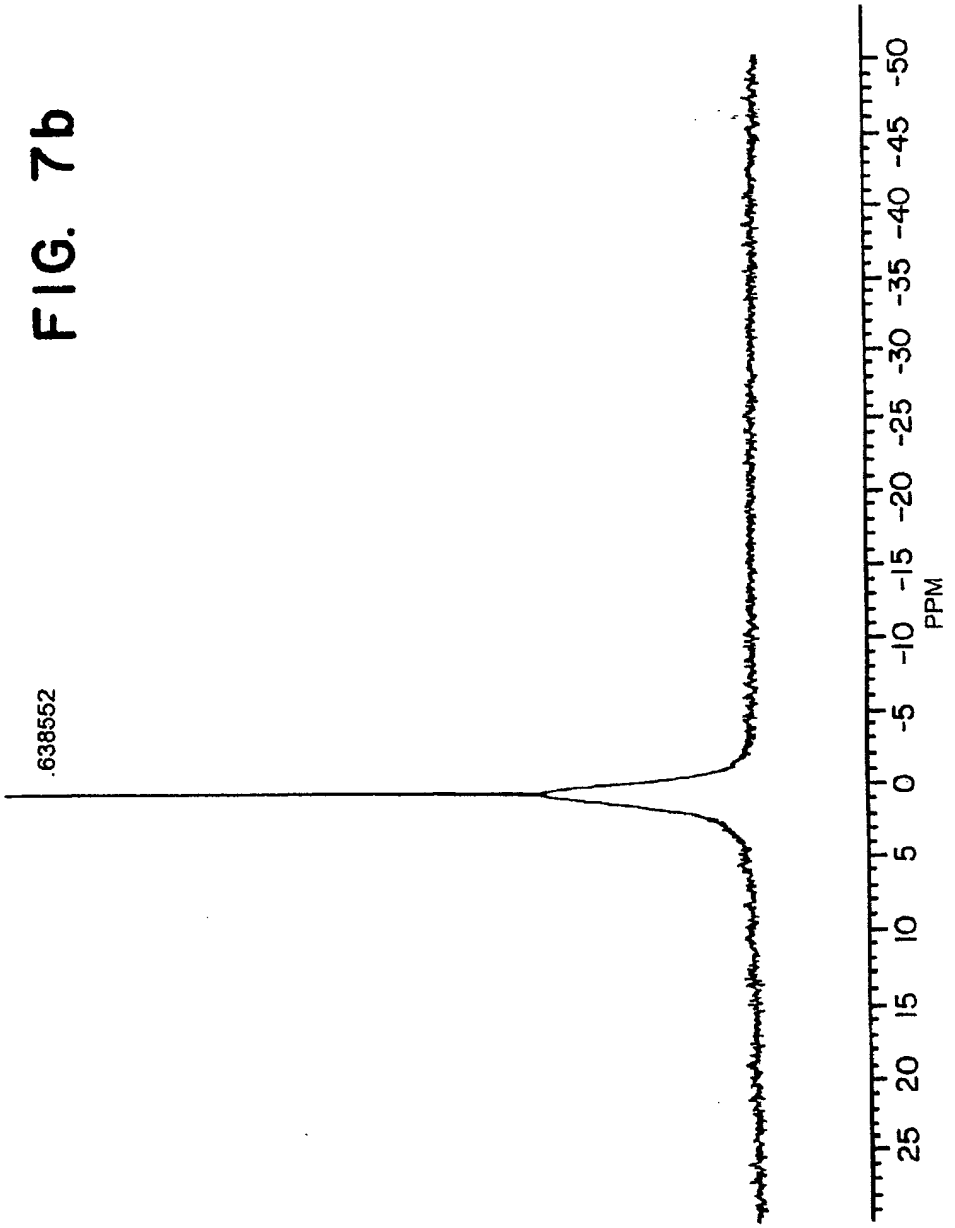
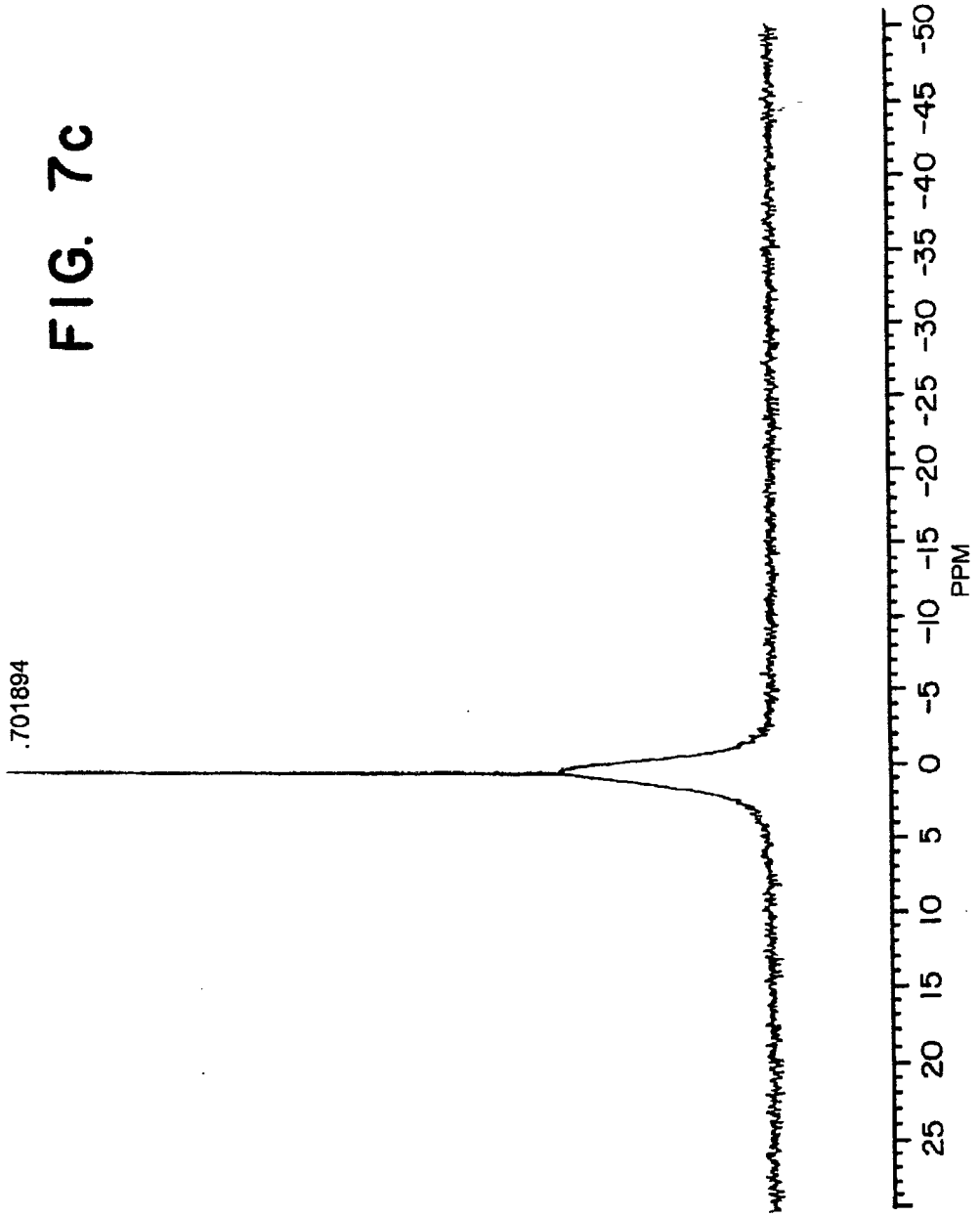



FIG. 7c